

# Interference search

10/066293

Maria-Grazia Ascenzi

## EAST SEARCH

10/20/05

L#	Hits	Search String	Databases
L1	4658	model\$3 with bone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
L2	0	L1 and ("non-homogeneous".CLM.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
L3	4658	model\$3 with bone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

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### Results of search set S33:

Document Kind	Codes	Title	Issue Date	Current OR	Abstract
US	20050227923 A1	Stimulation of bone growth with thrombin peptide derivatives	20051013	514/13	
US	20050182325 A1	Bone strength measuring instrument and method	20050818	600/437	
US	20050182295 A1	Catheterscope 3D guidance and interface system	20050818	600/117	
US	20050167261 A1	Treatment process for improving the mechanical, catalytic, chemical, and biological activity of s	20050804	204/192.11	
US	20050152990 A1	Fibrous minerals, methods for their production using a solution-precursor-solid mechanism, an	20050714	424/602	
US	20050149050 A1	Arrangement and method for the intra-operative determination of the position of a joint replace	20050707	606/102	
US	20050148860 A1	Method for bone structure prognosis and simulated bone remodeling	20050707	600/410	
US	20050148496 A1	Treatment of rheumatoid arthritis with hypoxia inducible factor-1alpha antagonists	20050707	514/2	
US	20050133955 A1	Method for design and production of a custom-fit prosthesis	20050623	264/219	
US	20050131662 A1	Method and system for modelling bone structure	20050616	703/11	
US	20050131048 A1	Enhancement of bone growth and inhibition of bone resorption	20050616	514/406	
US	20050123197 A1	Method and image processing system for segmentation of section image data	20050609	382/173	
US	20050117788 A1	Method to identify the mechanical properties of a material	20050602	382/128	
US	20050101986 A1	System for determining the position of a knee prosthesis	20050512	606/102	
US	20050085709 A1	Evaluating disease progression using magnetic resonance imaging	20050421	600/410	
US	20050084145 A1	Evaluating disease progression using magnetic resonance imaging	20050421	382/130	
US	20050084144 A1	Oral implant template	20050421	382/128	
US	20050075495 A1	Probes for chondrogenesis	20050407	536/23.5	
US	20050070797 A1	Electronic system for determining the density and structure of bone tissue and stimulating oste	20050331	600/438	
US	20050070699 A1	Hbm variants that modulate bone mass and lipid levels	20050331	536/23.2	
US	20050069547 A1	Medicament for treating tumours and their metastases	20050331	424/155.1	
US	20050043835 A1	Method for design and production of custom-fit prosthesis	20050224	700/98	
US	20050042253 A1	Tissue repair and replacement	20050224	424/426	
US	20050037320 A1	Manufacturing a dental implant drill guide and a dental implant superstructure	20050217	433/173	

US 20050033380 A1	Method and device for stimulating the brain	20050210 607/45
US 20050021037 A1	Image-guided navigated precision reamers	20050127 606/79
US 20040265770 A1	Custom orthodontic appliance forming method and apparatus	20041230 433/24
US 20040254771 A1	Programmable joint simulator with force and motion feedback	20041216 703/7
US 20040244069 A1	Transgenic animal model of bone mass modulation	20041202 800/14
US 20040243481 A1	System and method for rapidly customizing design, manufacture and/or selection of biomedical	20041202 705/26
US 20040236552 A1	Method of evaluating products using a virtual environment	20041125 703/6
US 20040236457 A1	Method of evaluating articles used on a body in a virtual environment	20041125 700/132
US 20040236456 A1	Method of evaluating the performance of a product using a virtual environment	20041125 700/132
US 20040236455 A1	Method of designing a product in a virtual environment	20041125 700/132
US 20040221326 A1	Transgenic animal model of bone mass modulation	20041104 800/3
US 20040214129 A1	Method and apparatus for orthodontic appliance optimization	20041028 433/24
US 20040192424 A1	Method for performing game, information storage medium, game device, data signal and program	20040930 463/8
US 20040175686 A1	Process for producing an artificial bone model and an artificial bone model produced by the process	20040909 434/274
US 20040175368 A1	Use of crystal violet as photochemotherapeutic agent	20040909 424/93.7
US 20040172107 A1	System and method for force, displacement, and rate control of shaped memory material implant	20040902 607/96
US 20040161722 A1	Use of finite element analysis for orthodontic mechanics and appliance selection	20040819 433/24
US 20040157798 A1	Drug for use in bone grafting	20040812 514/89
US 20040152627 A1	Pharmaceutical composition	20040805 514/12
US 20040146561 A1	Compositions for promoting healing of bone fracture	20040729 424/486
US 20040143863 A1	Hematopoietic stem cell niche cells	20040722 800/18
US 20040131562 A1	Biomimetic organic/inorganic composites, processes for their production, and methods of use	20040708 424/57
US 20040127821 A1	Continuous passive motion exercise system with driven monitoring	20040701 601/5
US 20040126746 A1	Medical physiological simulator including a conductive elastomer layer	20040701 434/262
US 20040078212 A1	Method, arrangement and program for a prosthetic installation	20040422 705/1
US 20040077088 A1	Techniques for deriving tissue structure from multiple projection dual-energy x-ray absorptiometry	20040422 435/455
US 20040070583 A1	Computer-implemented method for constructing and manipulating a three-dimensional model of	20040415 345/419
US 20040068187 A1	Computer-aided orthopedic surgery	20040408 600/443
US 20040063670 A1	Use of bisphosphonates for pain treatment	20040401 514/102
US 20040062786 A1	Method and system for modelling bone structure	20040401 424/423
US 20040053301 A1	Genes associated with mechanical stress, expression products therefrom, and uses thereof	20040318 435/6
US 20040048811 A1	Dynaria extractions for treating osteoporosis and their extraction process	20040311 514/27
US 20040043368 A1	Three-dimensional surgery simulation system	20040304 434/262
US 20040043010 A1	Delivery of bioactive compounds to an organism	20040304 424/93.21
US 20040030245 A1	Computer-based training methods for surgical procedures	20040212 600/426
US 20040028181 A1	Method and apparatus for multiple-projection, dual-energy x-ray absorptiometry scanning	20040212 378/92
US 20040019263 A1	Multiple bone tracking	20040129 600/407
US 20040015072 A1	Evaluating disease progression using magnetic resonance imaging	20040122 600/410
US 20030235561 A1	Vascularized organized tissues and uses thereof	20031225 424/93.21
US 20030232374 A1	Compositions and methods relating to detrusor estrogen-regulated protein (DERP)	20031218 435/6
US 20030232071 A1	Biomimetic organic/inorganic composites, processes for their production, and methods of use	20031218 424/443
US 20030225331 A1	Implantable thermal treatment method and apparatus	20031204 600/437
US 20030216899 A1	Multidirectional morphology and mechanics of osteonic lamellae	20031120 703/11

US 20030216777 A1	Method of enhancing healing of interfacial gap between bone and tendon or ligament	20031120 606/214
US 20030216721 A1	System and method providing directional ultrasound therapy to skeletal joints	20031120 606/28
US 20030193106 A1	Artificial bone graft substitute using calcium phosphate compounds and method of manufacturing	20031016 264/109
US 20030175680 A1	Methods of treating and preventing bone loss	20030918 435/4
US 20030153985 A1	Medical implant	20030814 623/23.59
US 20030152606 A1	Inorganic resorbable bone substitute material and production method	20030814 424/426
US 20030149934 A1	Computer program connecting the structure of a xml document to its underlying meaning	20030807 715/513
US 20030138076 A1	Dental and orthopedic densitometry modeling system and method	20030724 378/39
US 20030109934 A1	Osteoinduction of cortical bone allografts by coating with biopolymers seeded with recipient per	20030612 623/23.59
US 20030099644 A1	CD40 ligand and CD40 agonist compositions and methods of use	20030529 424/144.1
US 20030090523 A1	Information distribution system and information distribution method	20030515 345/782
US 20030082808 A1	Composite biodegradable polymer scaffold	20030501 435/395
US 20030059736 A1	Use of finite element analysis for orthodontic mechanics and appliance selection	20030327 433/24
US 20030039966 A1	Probes for chondrogenesis	20030227 435/6
US 20030023156 A1	Animation technology	20030130 600/407
US 20030011624 A1	Deformable transformations for interventional guidance	20030116 345/646
US 20030008608 A1	Apparatus and method for removing bones from a disassembled animal carcass	20030109 452/157
US 20030008395 A1	Process for growing tissue in a biocompatible macroporous polymer scaffold and products thei	20030109 435/396
US 20020196966 A1	Method and system for the computerized analysis of bone mass and structure	20021226 382/132
US 20020191823 A1	Digital topological analysis of trabecular bone MR images and prediction of osteoporosis fractu	20021219 382/128
US 20020182205 A1	Stimulation of bone growth with thrombin peptide derivatives	20021205 424/94.64
US 20020180760 A1	Method and workstation for generating virtual tooth models from three-dimensional tooth data	20021205 345/630
US 20020169379 A1	Utilization of an infrared probe to discriminate between materials	20021114 600/473
US 20020160337 A1	Method of using computer data to modify or alter an existing cast or model	20021031 433/213
US 20020155162 A1	Modeling viscoelastic torsional properties of osteons	20021024 424/549
US 20020154733 A1	Dental and orthopedic densitometry modeling system and method	20021024 378/56
US 20020151514 A1	Genes associated with mechanical stress, expression products therefrom, and uses thereof	20021017 514/44
US 20020137705 A1	Genes associated with mechanical stress, expression products therefrom, and uses thereof	20020926 514/44
US 20020133229 A1	Ligament and tendon replacement constructs and methods for production and use thereof	20020919 623/13.17
US 20020130853 A1	Squash and stretch three-dimensional rendering	20020919 345/420
US 20020128202 A1	Stimulation of bone growth with thrombin peptide derivatives	20020912 514/13
US 20020123530 A1	Use of crystal violet as photochemotherapeutic agent	20020905 514/648
US 20020102517 A1	Manufacturing a dental implant drill guide and a dental implant superstructure	20020801 433/173
US 20020086825 A1	Genes associated with mechanical stress, expression products therefrom, and uses thereof	20020704 514/12
US 20020082779 A1	System and method for modeling bone structure	20020627 702/19
US 20020076681 A1	Computer based instrumentation and sensing for physical examination training	20020620 434/273
US 20020070939 A1	Coding and decoding three-dimensional data	20020613 345/473
US 20020059049 A1	System and method for rapidly customizing design, manufacture and/or selection of biomedical	20020516 703/11
US 20020042703 A1	Method and system for analyzing behavior of whole human body by simulation using whole hun	20020411 703/11
US 20020037279 A1	DELIVERY OF BIOACTIVE COMPOUNDS TO AN ORGANISM	20020328 424/93.21
US 20020028417 A1	Custom orthodontic appliance forming method and apparatus	20020307 433/24
US 20020025503 A1	Custom orthodontic appliance forming method and apparatus	20020228 433/24
US 20020025063 A1	METHOD AND SYSTEM FOR THE COMPUTERIZED ANALYSIS OF BONE MASS AND STR	20020228 382/132

US 20020016700 A1	Method and system for analyzing behavior of whole human body by simulation using whole human	20020207 703/6
US 20020007294 A1	System and method for rapidly customizing a design and remotely manufacturing biomedical devices	20020117 705/7
US 20020005600 A1	Reverse fabrication of porous materials	20020117 264/49
US 20010050032 A1	Self-repairing, reinforced matrix materials	20011213 106/677
US 6944262 B2	Dental and orthopedic densitometry modeling system and method	20050913 378/38
US 6932610 B2	Process for producing an artificial bone model and an artificial bone model produced by the process	20050823 434/274
US 6925723 B1	Three-dimensional template for footwear design	20050809 33/562
US 6924804 B2	Reducing the resolution of bones in a three-dimensional model	20050802 345/473
US 6918761 B2	Method and apparatus for generating an orthodontic template that assists in placement of orthodontic	20050719 433/24
US 6914050 B2	Stimulation of bone growth with thrombin peptide derivatives	20050705 514/13
US 6906724 B2	Generating a shadow for a three-dimensional model	20050614 345/589
US 6901280 B2	Evaluating disease progression using magnetic resonance imaging	20050531 600/410
US 6899107 B2	Osteoinduction of cortical bone allografts by coating with biopolymers seeded with recipient periodontal	20050531 128/898
US 6894027 B2	Stimulation of bone growth with thrombin peptide derivatives	20050517 514/13
US 6875775 B2	Triphenylalkene derivatives and their use as selective estrogen receptor modulators	20050405 514/317
US 6875442 B2	Process for growing tissue in a biocompatible macroporous polymer scaffold and products thereof	20050405 424/423
US 6862561 B2	Method and apparatus for computer modeling a joint	20050301 703/11
US 6851949 B1	Method and apparatus for generating a desired three-dimensional digital model of an orthodontic	20050208 433/213
US 6846179 B2	Custom orthodontic appliance forming method and apparatus	20050125 433/24
US 6816564 B2	Techniques for deriving tissue structure from multiple projection dual-energy x-ray absorptiometry	20041109 378/5
US 6814575 B2	Manufacturing a dental implant drill guide and a dental implant superstructure	20041109 433/75
US 6810300 B1	Method of designing a product worn on a body in a virtual environment	20041026 700/132
US 6798415 B2	Rendering collisions of three-dimensional models	20040928 345/474
US 6797285 B1	Leaves of Cajanus cajan(L.) Millsp and extract, formulation and uses thereof	20040928 424/725
US 6780016 B1	Human surgical trainer and methods for training	20040824 434/262
US 6772026 B2	System and method for rapidly customizing design, manufacture and/or selection of biomedical devices	20040803 700/98
US 6753863 B1	System and method for streaming real time animation data file	20040622 345/473
US 6746814 B2	Method and system for colorizing a stereolithographically generated model	20040608 430/269
US 6739870 B2	Use of finite element analysis for orthodontic mechanics and appliance selection	20040525 433/24
US 6736638 B1	Method and apparatus for orthodontic appliance optimization	20040518 433/24
US 6711432 B1	Computer-aided orthopedic surgery	20040323 600/427
US 6692532 B1	Bone repair composite material	20040217 623/23.51
US 6688885 B1	Method and apparatus for treating an orthodontic patient	20040210 433/24
US 6673285 B2	Reverse fabrication of porous materials	20040106 264/49
US 6603471 B2	Reducing detail in animated three-dimensional models	20030805 345/419
US 6596855 B2	Probes for chondrogenesis	20030722 536/23.5
US 6593927 B2	Squash and stretch three-dimensional rendering	20030715 345/473
US 6576645 B1	Triphenylalkene derivatives and their use as selective estrogen receptor modulators	20030610 514/317
US 6575757 B1	Computer based instrumentation and sensing for physical examination training	20030610 434/273
US 6560476 B1	Evaluating disease progression using magnetic resonance imaging	20030506 600/410
US 6559848 B2	Coding and decoding three-dimensional data	20030506 345/473
US 6554613 B1	Method and apparatus for generating an orthodontic template that assists in placement of orthodontic	20030429 433/24
US 6551355 B1	Tissue transplant coated with biocompatible biodegradable polymer	20030422 623/16.11

US 6549803 B1	Method and apparatus for targeting material delivery to tissue	20030415 600/431
US 6540512 B1	Method and apparatus for treating an orthodontic patient	20030401 433/24
US 6527849 B2	Self-repairing, reinforced matrix materials	20030304 106/677
US 6482411 B1	Methods of reducing bone loss with CD40 ligand	20021119 424/185.1
US 6472210 B1	Polymer scaffold having microporous polymer struts defining interconnected macropores	20021029 435/395
US 6471512 B1	Method and apparatus for determining and monitoring orthodontic treatment	20021029 433/24
US 6464496 B1	Method and apparatus for determining and monitoring orthodontic treatment	20021015 433/24
US 6443736 B1	Technology explorer model	20020903 434/300
US 6442287 B1	Method and system for the computerized analysis of bone mass and structure	20020827 382/128
US 6436146 B1	Implant for treating ailments of a joint or a bone	20020820 623/21.11
US 6416737 B1	Increasing bone strength with selected bisphosphonates	20020709 424/9.2
US 6382975 B1	Manufacturing a dental implant drill guide and a dental implant superstructure	20020507 433/173
US 6381301 B1	Dental and orthopedic densitometry modeling system and method	20020430 378/39
US 6379962 B1	Polymer scaffold having microporous polymer struts defining interconnected macropores	20020430 435/395
US 6333313 B1	Clinical use of oxytocin alone or in combination to treat bone disorders	20011225 514/12
US 6317130 B1	Apparatus and method for generating skeleton-based dynamic picture images as well as medi	20011113 345/473
US 6315553 B1	Method and apparatus for site treatment of an orthodontic patient	20011113 433/24
US 6310619 B1	Virtual reality, tissue-specific body model having user-variable tissue-specific attributes and a s	20011030 345/420
US 6306822 B1	Phosphopeptides and methods of treating bone diseases	20011023 514/7
US 6287606 B1	Methods of enhancing wound healing and tissue repair	20010911 424/650
US 6283755 B1	Dental implant component	20010904 433/193
US 6283753 B1	Implant abutment systems, devices, and techniques	20010904 433/172
US 6280474 B1	Devices for tissue repair and methods for preparation and use thereof	20010828 623/16.11
US 6271856 B1	Creating and modifying parameterizations of surfaces	20010807 345/581
US 6261360 B1	Self-repairing, reinforced matrix materials	20010717 106/677
US 6256038 B1	Parameterized surface fitting technique having independent control of fitting and parameterizati	20010703 345/419
US 6254387 B1	Dental implant component	20010703 433/49
US 6234975 B1	Non-invasive method of physiologic vibration quantification	20010522 600/552
US 6213934 B1	Electromagnetic bone-assessment and treatment: apparatus and method	20010410 600/14
US 6165514 A	Methods of enhancing repair, healing and augmentation of tissues and organs	20001226 424/495
US 6126445 A	Implant abutment systems, devices and techniques	20001003 433/223
US 6106464 A	Apparatus and method for bone surface-based registration of physical space with tomographic	20000822 600/439
US 6090145 A	Partial scaphoid implant and method of treating ailments of the scaphoid	20000718 623/23.14
US 6083522 A	Devices for tissue repair and methods for preparation and use thereof	20000704 424/423
US 5993448 A	Implantable apparatus, matrix and method for correction of craniofacial bone deformities	19991130 606/53
US 5989334 A	Self-repairing, reinforced matrix materials	19991123 106/677
US 5947893 A	Method of making a porous prosthesis with biodegradable coatings	19990907 600/36
US 5944754 A	Tissue re-surfacing with hydrogel-cell compositions	19990831 623/23.76
US 5914121 A	Formation of human bone in vivo using ceramic powder and human marrow stromal fibroblasts	19990622 424/423
US 5898793 A	System and method for surface rendering of internal structures within the interior of a solid obje	19990427 382/131
US 5895364 A	Non-invasive technique for bone mass measurement	19990420 600/595
US 5873721 A	Implant abutment systems, devices, and techniques	19990223 433/173
US 5871018 A	Computer-assisted surgical method	19990216 128/898

US 5869041 A	Delivery of bioactive compounds to an organism	19990209 424/93.21
US 5837674 A	Phosphopeptides and methods of treating bone diseases	19981117 514/7
US 5827735 A	Pluripotent mesenchymal stem cells and methods of use thereof	19981027 435/325
US 5798924 A	Process for producing endoprostheses	19980825 700/117
US 5782763 A	Electromagnetic bone-assessment apparatus and method	19980721 600/407
US 5782286 A	Method of casting hollow bone prosthesis with tailored flexibility	19980721 164/132
US 5752924 A	Ultrasonic bone-therapy apparatus and method	19980519 601/2
US 5725586 A	Hollow bone prosthesis with tailored flexibility	19980310 623/23.35
US 5725376 A	Methods for manufacturing a dental implant drill guide and a dental implant superstructure	19980310 433/172
US 5719916 A	Anthropomorphic mammography and lung phantoms	19980217 378/207
US 5714103 A	Process for the production of shaped articles having a predetermined pore structure	19980203 264/109
US 5686116 A	Methods of enhancing repair, healing and augmentation of bone implants	19971111 424/650
US 5682886 A	Computer-assisted surgical system	19971104 600/407
US 5678565 A	Ultrasonic elasticity imaging method and device	19971021 600/587
US 5660624 A	Self-repairing, reinforced matrix materials	19970826 106/677
US 5649538 A	Simulation of bone in ultrasonic assessment apparatus	19970722 600/437
US 5565444 A	Osteogenesis promoter and osteoporosis remedy	19961015 514/178
US 5562448 A	Method for facilitating dental diagnosis and treatment	19961008 433/215
US 5561173 A	Self-repairing, reinforced matrix materials	19961001 523/218
US 5556645 A	Methods of enhancing wound healing and tissue repair	19960917 424/650
US 5547459 A	Ultrasonic bone-therapy apparatus and method	19960820 601/2
US 5527182 A	Implant abutment systems, devices, and techniques	19960618 433/172
US 5524636 A	Method and apparatus for elasticity imaging	19960611 600/587
US 5495568 A	Computerized clothing designer	19960227 700/83
US 5434146 A	Controlled release systems and low dose androgens	19950718 514/169
US 5343877 A	Orthopedic implant and method	19940906 128/898
US 5343391 A	Device for obtaining three dimensional contour data and for operating on a patient and related	19940830 433/76
US 5314494 A	Endo-prosthesis, a femoral head prosthesis and an acetabulum prosthesis	19940524 623/23.35
US 5279831 A	Hydroxyapatite prosthesis coatings	19940118 424/423
US 5275599 A	Biocompression external fixator for osteosynthesis	19940104 606/54
US 5205745 A	Artificial dental root	19930427 433/173
US 5188670 A	Apparatus for hydroxyapatite coatings of substrates	19930223 118/667
US 5172695 A	Method for improved prediction of bone fracture risk using bone mineral density in structural an	19921222 600/407
US 5164187 A	Hydroxyapatite prosthesis coatings	19921117 424/423
US 5049074 A	Dental implant	19910917 433/173
US 5041141 A	Method of shaping an endo-prosthesis, a femoral head prosthesis, an acetabulum prosthesis	19910820 128/898
US 5002579 A	Prosthesis component and method for its manufacture	19910326 623/23.18
US 4913157 A	Ultrasound method and apparatus for evaluating, in vivo, bone conditions	19900403 600/449
US 4483198 A	Osteoclast for whole bone testing	19841120 73/794
US 4436684 A	Method of forming implantable prostheses for reconstructive surgery	19840313 264/138
US 4303390 A	Dental articulator	19811201 433/59
US 3995323 A	Method of preparing bone endoprosthesis model and endoprosthesis of proximal femur prepar	19761207 623/23.27
US 3810565 A	MANIKIN CONSTRUCTION	19740514 223/68

US 3769134 A	MANIKIN CONSTRUCTION	19731030	156/293
JP 07047079 A	ULTRASONIC THERAPEUTIC SYSTEM	19950221	
JP 07000381 A	MODELING METHOD OF CRANIOFACIAL BONE STRUCTURE USING CRANIUM MEASUREMENTAL IMPLANT WITH AN INTEGRAL STRUCTURE COMPRISING A STUMP COMPLETE	19950106	
WO 2005013846 A1	DENTAL IMPLANT WITH AN INTEGRAL STRUCTURE COMPRISING A STUMP COMPLETE	20050217	
EP 1364625 A1	Manufacturing of a dental implant drill guide	20031126	
WO 3073954 A1	MANUFACTURING A DENTAL IMPLANT DRILL GUIDE AND A DENTAL IMPLANT SUPERS	20030912	
DE 10120330 A1	Casting model, for a joint prosthesis implant, uses a lost mold method to give the casting a ma	20021121	
WO 2060347 A2	MODELING VISCOELASTIC TORSIONAL PROPERTIES OF OSTEOONS	20020808	
WO 9932045 A1	MANUFACTURING A DENTAL IMPLANT DRILL GUIDE AND A DENTAL IMPLANT SUPERS	19990701	
US 20050069188 A	Frame to frame registration method in orthodontic care system, involves applying net normal vi	20050331	
WO 2005004698 A	Preparing a model of structural patterns of osteon useful for predicting fracture in bone involves	20050120	
WO 2003071505 A	Model of macrostructural properties of bone used for predicting deformation and fractures of b	20030828	
WO 2003061501 A	Method for intra-operatively presenting approximate model of anatomical structure for compute	20030902	
DE 10120330 A	Casting model, for a joint prosthesis implant, uses a lost mold method to give the casting a ma	20021121	
US 20020082779 A	Bone macrostructural properties model comprises hierarchical structural and mechanical prop	20020425	
EP 1106145 A	Augmenting atrophied jawbone alveolar ridge by making incision in gingiva, inserting bone graft	20010613	
US 4976737 A	Reconstructing damaged facial skeletal feature - using shaped surgling mesh implant formed u	19901211	

## EAST SEARCH

10/20/05

L#	Hits	Search String	Databases
S1	4	20020082779 or "20020155162"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S2	283	model with bone with (structur\$2 or mechanic\$2 or macrostructur\$2 or hierarchical)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S3	78	(model with bone with (structur\$2 or mechanic\$2 or macrostructur\$2 or hierarchical)) and ((stm US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S4	10	(model with bone with (structur\$2 or mechanic\$2 or macrostructur\$2 or hierarchical)) and (bon US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S5	14	(model with bone with (structur\$2 or mechanic\$2 or macrostructur\$2 or hierarchical)) and (pre US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S6	69	(model with bone with (structur\$2 or mechanic\$2 or macrostructur\$2 or hierarchical)) and (bon US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S7	15	(model with bone) and (bone with (external near2 force\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S8	1025	(model with bone) and (tension or compression or shear or bending or torsion or prestress or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S9	121	(model with bone with (structur\$2 or mechanic\$2 or macrostructur\$2 or hierarchical)) and	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S10	6	(model with bone with (viscoelastic or osteon))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S11	83	bone with (osteon)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S12	87	bone with (viscoelastic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S13	38	(model with bone with (structur\$2 or mechanic\$2 or macrostructur\$2 or hierarchical)) and (bon US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S14	133	((model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoelastic US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S15	78	((model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoelastic US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S16	29	((model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoelastic US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S17	3	((model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoelastic US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S18	3	((model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoelastic US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S19	16	((model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoelastic US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S20	4	((model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoelastic US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S21	8	((model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoelastic US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S22	4	((model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoelastic US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S23	54	((model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoelastic US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S24	2	((model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoelastic US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S25	5	((model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoelastic US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S26	10	((model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoelastic US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S27	10	((model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoelastic US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S28	3	((model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoelastic US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S29	4	((model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoelastic US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S30	4	((model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoelastic US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S31	18	((model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoelastic US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S32	100	(bone with (osteon or viscoelastic or osteon)) or (bone with (osteon)) and ((model with (viscoelastic US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S33	185	((model with bone with (structur\$2 or mechanic\$2 or macrostructur\$2 or hierarchical)) and (((st US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	
S34	12	osteon with (secondary or alternate or longitudinal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S35	21	model with bone with (microstructur\$2 or macrostructur\$2 or hierarchical)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S36	2	((model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoelastic US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	



S37	2	(bone with (osteon or viscoelastic)) and (Ramgood near2 Osgood)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S38	12	(bone with (osteon or viscoelastic)) and (collagen with mucopolysaccharide\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S39	20	model with bone with (hierarchical)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S40	185	((model with bone with (structur\$2 or mechanic\$2 or macrostructur\$2 or hierarchical)) and (((st	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S41	15	(model with bone) and (bone with (external near2 force\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S42	11	5,947,893.pn. or "6,333,313".pn. or "6,213,958".pn. or "6,442,287".pn. or "6,416,737".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S43	3	Osteon and (Ramgood or Osgood)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S44	1745	(Ramgood or Osgood)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S45	2	(Ramgood near2 Osgood)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S46	4	(Ramgood or Osgood) with (torque or hydroxyapatite or (angle near2 twist) or (strain near2 rat	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S47	1	2,892,629.pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S48	12	(bone with (osteon) and (collagen with mucopolysaccharide\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S49	6	osteon with (((internal or external) with diameter) or height or length)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S50	15	(( (model with bone with (viscoelastic or osteon)) or ( bone with (osteon)) or (bone with (viscoel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S51	156	(model with bone with (viscoelastic or osteon)) or ( bone with (osteon)) or (bone with (viscoelas	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S52	4	(( (model with bone with (viscoelastic or osteon)) or ( bone with (osteon)) or (bone with (viscoela	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S53	10	5,732,469.pn. or "6,293,970".pn. "6,333,313".pn. "5,974,893".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S54	10	5,732,469.pn. or "6,293,970".pn. "6,333,313".pn. "5,947,893".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S55	4030	model\$3 with bone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S56	1066	S55 and (bone with (characteristics or properties))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S57	172	S56 and (compar\$4 with (characteristics or properties))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S58	115	S57 and ((actual or human or real or subject) near2 bone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S59	29	S57 and ((predict\$3 or forecast\$3) with (deformation or fracture\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S60	28	S58 and ((predict\$3 or forecast\$3) with (deformation or fracture\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S63	2	S56 and ((design\$3 or build\$3 or fabricat\$3 or mak\$3) with (synthetic near2 bone))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S62	2	S56 and (design\$3 with (synthetic near2 bone))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S61	20	S57 and (synthetic near2 bone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S64	4	S57 and (((actual or human or real or subject) near2 bone) with (reconstruct\$3 or graft\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S65	29	S57 and (bone with (reconstructing or grafting))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S66	36	S57 and ((place\$4 or locat\$3) with (screw\$1 or prosthesis or prostheses))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S67	4381	model with bone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S68	4658	model\$3 with bone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S70	4	S68 and ((microstructure or osteon\$1 or lamellae or trabeculae) with non-homogeneous)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S69	25	model\$3 with bone with (microstructure or osteon\$1 or lamellae or trabeculae)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
L1	4658	model\$3 with bone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
L2	0	L1 and ("non-homogeneous".CLM.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
L3	4658	model\$3 with bone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

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Maria-Grazia Ascenzi

# EAST SEARCH

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